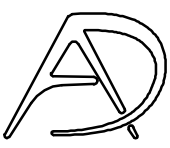
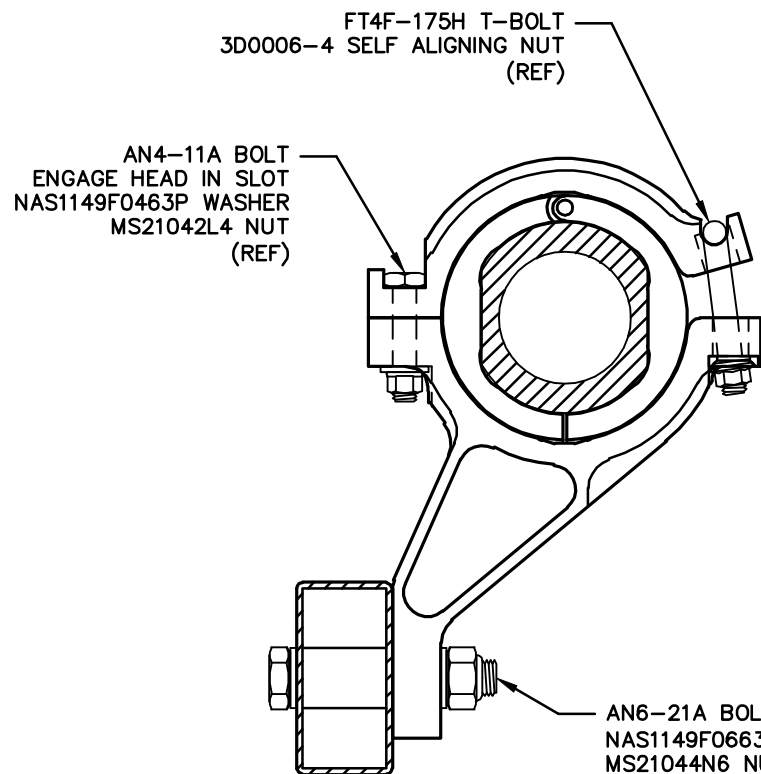


DETAIL A  
RIGHT SIDE INSTALLATION SHOWN,  
LEFT SIDE OPPOSITE

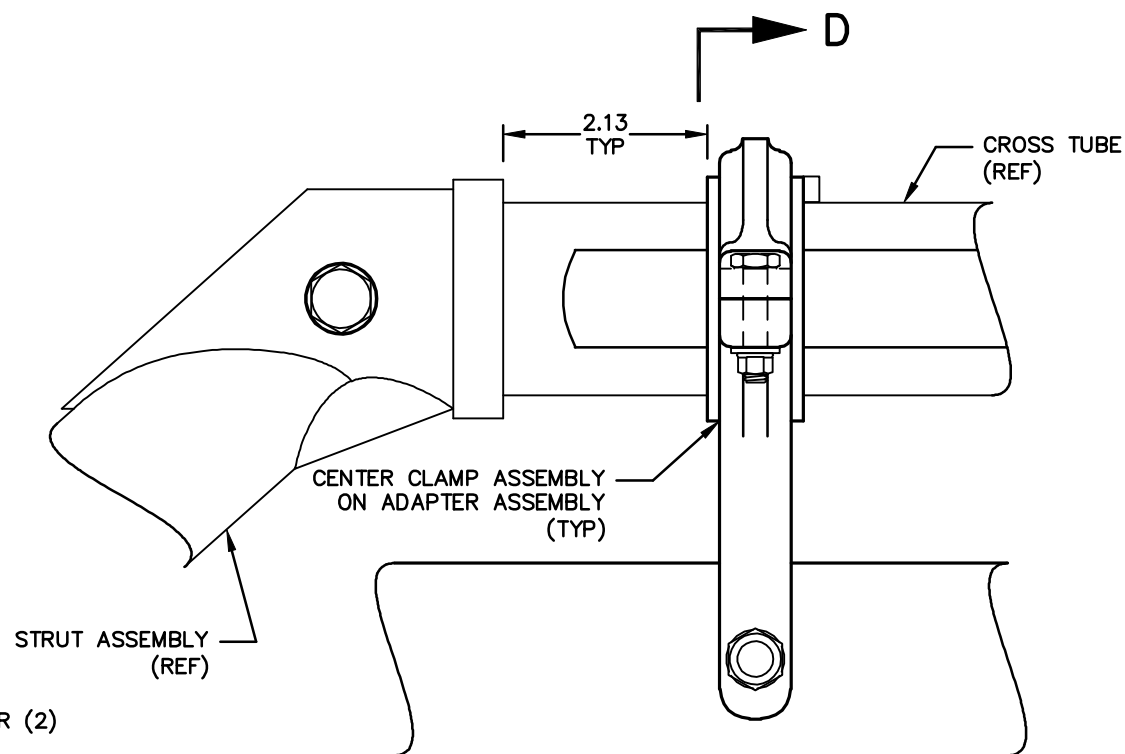
RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE OPPOSITE

APPROVALS		DATE		 <b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376      www.aerodesign.ca		
DRAWN:	JEFF CLARKE	16 JAN 2017				
CHECKED:	JASON REKVE	16 JAN 2017				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1				ROBINSON R44, R44 II – REVISED LANDING GEAR QUICK RELEASE CARGO BASKET ATTACHMENT PROVISIONS INSTALLATION		
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.		
SHEET 1 OF 4		A4	90603	0		




## SECTION D-D

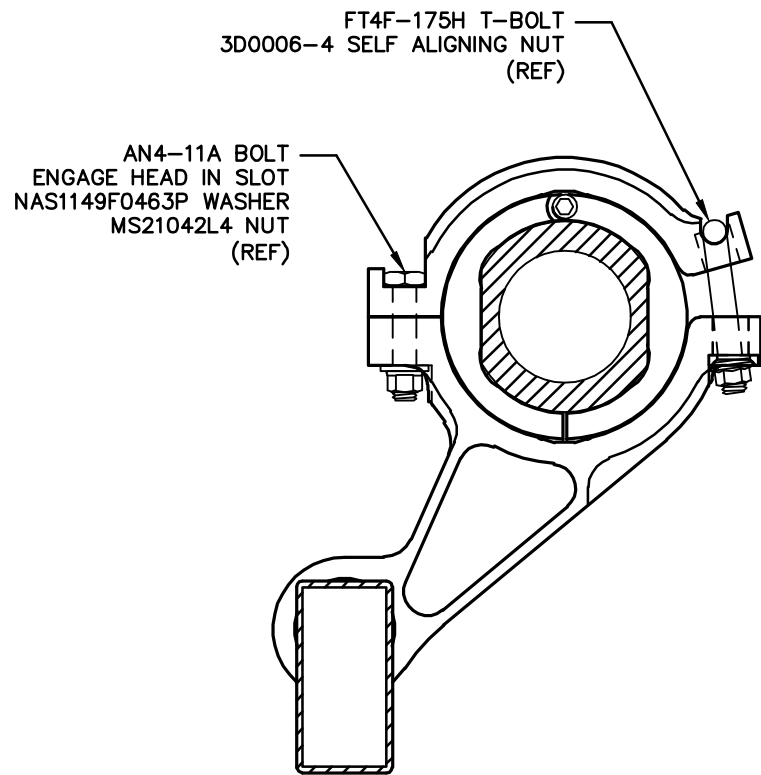
LOOKING INBOARD FROM RIGHT



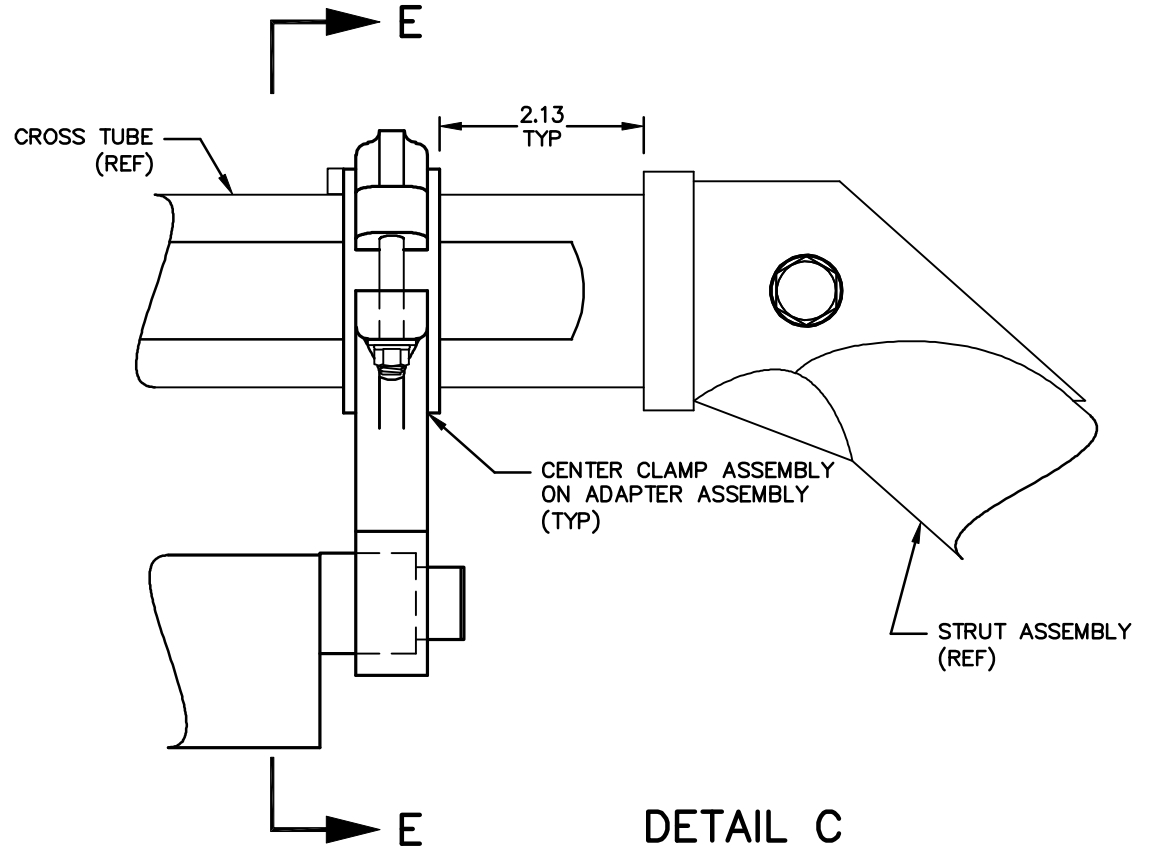
## DETAIL B

ATTACHMENT CLOSE TO BASKET, LOOKING AFT  
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE  
FORWARD INSTALLATION SHOWN; AFT INSTALLATION SIMILAR


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DRAWN:	JEFF CLARKE	16 JAN 2017		
CHECKED:	JASON REKVE	16 JAN 2017		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1				ROBINSON R44, R44 II – REVISED LANDING GEAR QUICK RELEASE CARGO BASKET ATTACHMENT PROVISIONS INSTALLATION
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 4		A4	90603	0



**SECTION E-E**  
LOOKING OUTBOARD FROM RIGHT



**DETAIL C**  
ATTACHMENT FAR FROM BASKET, LOOKING AFT  
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE  
FORWARD INSTALLATION SHOWN; AFT INSTALLATION SIMILAR

APPROVALS		DATE		 <b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376      www.aerodesign.ca			
DRAWN:	JEFF CLARKE	16 JAN 2017					
CHECKED:	JASON REKVE	16 JAN 2017					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                      ANGLES X.XXX ±0.010                      ±1/2° X.XX ±0.03 X.X ±0.1				<b>ROBINSON R44, R44 II – REVISED LANDING GEAR            QUICK RELEASE CARGO BASKET            ATTACHMENT PROVISIONS INSTALLATION</b>			
				NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
				SHEET 3 OF 4	A4	90603	0

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	ORIGINAL ISSUE – CREATED FROM 90602 REV. 1		

NOTES:

1. THIS INSTALLATION APPLIES TO HELICOPTERS FITTED WITH LANDING GEAR ASSEMBLY – STANDARD (C014–27) OR LANDING GEAR ASSEMBLY – EXTENDED (C014–30). FOR EARLY MODEL LANDING GEAR, REFER TO DRAWING 90602. THIS INSTALLATION IS NOT COMPATIBLE WITH FIXED OR POP-OUT FLOATS.
2. STRUT FAIRINGS (C082–XX) MUST BE REMOVED IF INSTALLED. REFER TO R44 MAINTENANCE MANUAL, SECTION 5.410. FORWARD CROSS TUBE COVER (C475–5) MUST BE REMOVED. LEAVE CHANNELS (C388–3) IN PLACE.
3. REMOVAL OF BEAMS LEAVING CLAMPS IN PLACE IS AN APPROVED CONFIGURATION FOR FLIGHT.
4. SEE FLIGHT MANUAL SUPPLEMENT, FMS906.90, FOR LIMITATIONS ON HELICOPTER OPERATIONS WITH CARGO BASKET INSTALLED.
5. SEE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA906.91, FOR MAINTENANCE INFORMATION.

WEIGHT AND BALANCE

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL ARM (IN)	MOMENT (LB-IN)	LATERAL ARM (IN)	MOMENT (LB-IN)
02/03	CLAMPS (4)	1.6	99.7	159.5	–0.7	–1.0
04/05	BEAMS (FORWARD AND AFT)	10.0	101.5	1015.0	8.5	85.0
06/07	ADAPTERS (4)	0.8	99.2	79.4	0.0	0.0
01	PROVISIONS INSTALLATION (TOTAL)	12.4	101.1	1253.9	6.8	84.0

2	2	MS21044N6		NUT
4	4	NAS1149F0663P		WASHER
2	2	AN6–21A		BOLT
2	2	90640–02	07	AFT ADAPTER ASSEMBLY
2	2	90640–01	06	FORWARD ADAPTER ASS'Y
1	1	90631–01–00	05	AFT BEAM
1		90630–01–02	04	FORWARD BEAM (LH)
	1	90630–01–01	04	FORWARD BEAM (RH)
2		90620–02–02	03	CLAMP ASSEMBLY (FAR, LH)
	2	90620–02–01	03	CLAMP ASSEMBLY (FAR, RH)
2	2	90620–01–00	02	CLAMP ASSEMBLY (CLOSE)
		90603–01–02	01	PROVISIONS INST'N (LH)
		90603–01–01	01	PROVISIONS INST'N (RH)
–02	–01	PART NO.	ITEM	DESCRIPTION
QTY.	LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JAN 2017
CHECKED: JASON REKVE	16 JAN 2017
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



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TEL: 604.483.2376 [www.aerodesign.ca](http://www.aerodesign.ca)

ROBINSON R44, R44 II – REVISED LANDING GEAR  
QUICK RELEASE CARGO BASKET  
ATTACHMENT PROVISIONS INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 4 OF 4	A4	90603	0	